

PERMANENT MAGNET ALLOY FOR MEDICAL
IMAGING SYSTEM AND METHOD OF MAKING

ABSTRACT

A composition of matter suitable for use as a permanent magnet includes a rare earth – transition metal – boron alloy, where at least 30 weight percent of the rare earth content of the alloy comprises Pr, at least 50 weight percent of the transition metal content of the alloy comprises Fe, and the alloy contains less than 0.6 weight percent oxygen.